BRUHAT BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Enginner, Dasarahalli Division

Schedule-B

Name of Work :-Improvements & Asphalting cross roads and Re-Construction of drains in Siddeshwara Layout in Ward No 14

Sl	Description of Item	Unit	Qty	Sanctioned Estimate Rates		Amount
				In Figures	In words (Rs)	
1	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	Sqm	60.00	90.72	Rupees NInty & Seventy two Paise Only	5443.00
2	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Qtl	18.00	7380.72	Rupees Seven thousand three hundred & eighty & Seventy two Paise Only	132853.00
3	Providing and removing **centering**, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	30.00	271.08	Rupees Two hundred & Seventy One Paise Only	8132.00
4	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications	Cum	75.42	65.88	Rupees Sixty Five & Eighty eight Paise only	4969.00
5	**Removing B.S.Slab** of drain and stacking etc.,	Sqm	226.26	50.11	Rupees Four thousand Two hundred Ninty & Eighty four Paise only	11338.00
6	Providing and laying in position **plain cement** concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	65.57	4290.84	Rupees Four thousand two hundred ninty & Eighty four Paise only	281329.00

EXECUTIVE ENGINEER-4
KRIDL, BMP Contract,
BANGALORE-560 010

Signature of the Contractor

Executive Engineer.

7	Providing and laying in position plain cement concrete of mix **M1:2:4 with c**ement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	58.89	4779.00	Rupees Four thousand Seven hundred seventy nine only.	281447.00
8	**Refixing stone slabs** of drains and pointing in CM 1:3 etc	Sqm	226.26	70.04	Rupees Seventy & Four Paise only	15847.00
9	**Providing Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick	Sqm	150.84	343.44	Rupees Three hundred forty three & Forty four Paise only	51804.00
10	Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	479.20	924.48	Rupees Nine hundred twenty four & Forty eight Paise only	443011.00
11	Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	449.10	1600.00	Rupees One Thousand Six hundred only	718560.00
12	Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges Complete as per specifications.	Sqm	2634.00	20.25	Rupees Twenty & Twenty Five Paise only	53339.00
13	**For Grading I Material** Construction of **granular sub-base** by providing close graded granular sub-base Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density.	Cum	395.10	1060.56	Rupees One thousand Sixty & Fifty six Paise only	419027.00
14	Providing, laying, spreading and compacting graded stone aggregates to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc.,	Cum	658.50	1121.04	Rupees One Thousand One hundred twenty one & Four Paise only	738205.00
15	Providing and applying **primer coat** with S.S. Bitumen emulsion on prepared surface of granular base such as **WBM, WMM** including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Sqm	2634.00	28.94	Rupees Twenty eight & Ninty Four Paise only	76238.00

EXECUTIVE ENGINEER-4
KRIDL, PRMR, Contract,
BANGALORE-560 010

Signature of the Contractor

Executive Engineer.

16	Providing and laying **semi dense bituminous concrete** 25 - 30mm compacted thickness with 5% bitumen with 100-120 TPH batch type HMP producing an average output of [illegible] tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects with 80 / 100 grade bitumen with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum	79.02	9631.44	Rupees Nine Thousand six hundred thirty one & Forty four Paise only	761076.00
17	Carraige of Mixed Materials above 15 Km beyound 10Km to 15 Kmslead	Cum	79.02	67.50	Rupees Sixty seven & Fifty Paise only	5334.00
18	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 150 Item No. 17.1 PWD SR 2013-14	Cum	530.52	78.24	Rupees Seventy Eight & Twenty four Paise only	41508.00
				Total	**4049460.00**
				KRIDL Charges-10%	450000.00
					540.00
				Grand Total	**4500000.00**

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Signature of the Contractor

Executive Engineer
Dasarahalli Division

Signature of the Contractor

Executive Engineer.